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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

TWO NEW  
THERMAL-ELECTRIC POWER PLANTS  
LENINGRAD, USSR



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NO CHANGE IN CLASS. ☐  
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10 JUNE 1957

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TALENT

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HTA-M18-57

**TWO NEW  
THERMAL-ELECTRIC POWER PLANTS  
LENINGRAD, USSR**

Two new thermal-electric power plants under construction in southwest Leningrad are shown on 

25X10

The two plants, designated as A and B on Plate 1, are 1.4 miles apart and are situated between the "Zhdanov" 190 Shipyard on the west and the former Leningrad/Aleksandrovskaya Airfield on the east.

Plant A is located near the "Zhdanov" Shipyard. An annotated photograph accompanies this memorandum as Plate 2. All the major buildings appear to be complete but several excavations are visible and at least one building is under construction. A coal conveyor and coal treatment building are present but no open fuel storage is evident. A railroad spur under construction leads into the plant to what appears to be a coal car unloading building near the coal conveyor (Annotations 7 and 9, Plate 2). No water cooling facilities are evident and no substation appears to be associated with the power plant. However, the substation may be under construction between the generator hall and the building immediately to the east (Annotation 5, Plate 2). Possibly, the latter building may contain

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part of the substation. A low-tension power line runs in a general north-south direction along the east side of the plant apparently coming from the Heavy Equipment Plant "Kirov" 185 located six tenths of a mile north. No tie-in of this power line with the power plant is evident.

Plant A is served by a single stack at least 400 feet high and from which no smoke was coming at the time of photography. This is an unusually high stack for a power plant. The height was determined from the photography and was checked by using the Aleksandrovskaia Column and other known heights in Leningrad.

Plant B (see Plate 3 for annotated photograph) is in an earlier stage of construction than Plant A, but has the same general layout. It also has a single 400-foot stack. The boilerhouse, generator hall, and coal conveyor are under construction. A railroad spur under construction leads into the plant in the same manner as the spur leading into Plant A (Annotation 9, Plate 3). Annotation 7, Plate 3 may be a coal car unloading building under construction. No open fuel storage or water cooling facilities are evident on the photography and no substation appears to be associated with the plant.

These new plants may be combined steam and electric power plants. A new steam and power plant in Moscow, The Moskva Heat and Power Plant TETS, "Leningrad" [REDACTED] has the same general layout and similar buildings (see HTA-B31-57).

25X1A

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TWO NEW  
THERMAL ELECTRIC POWER PLANTS  
SOUTHWEST Leningrad, U S R

25X1D

SCALE 1:16,700

A/F

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"Zhdanov" Shipyard

"Kirov" Heavy Equipment Plant

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TOP SECRET CHESS

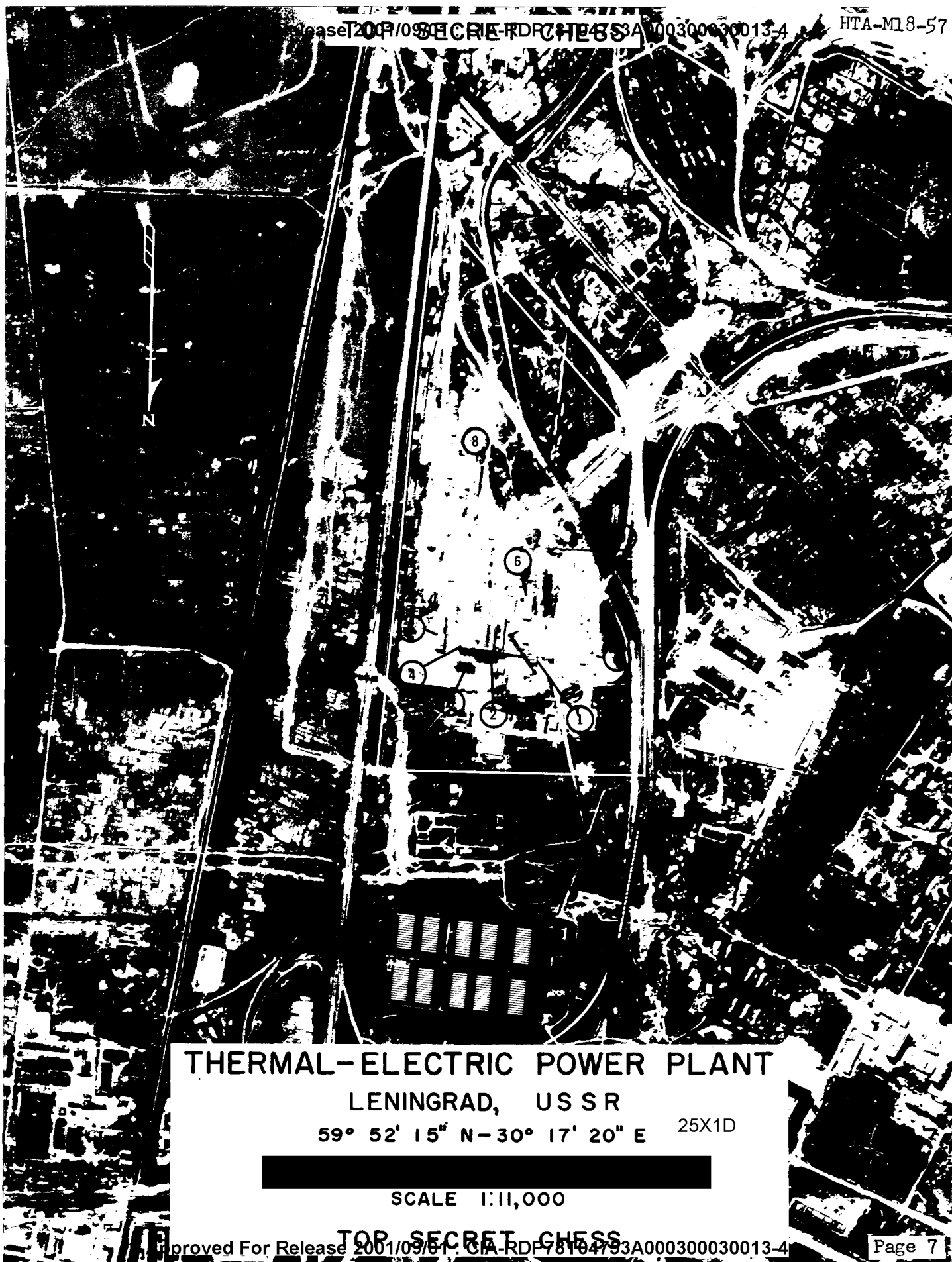
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KEY TO ANNOTATIONS  
PLANT A

No.	Dimensions (feet)	Roof Cover (sq. ft.)
1. Coal conveyor		
2. Boilerhouse	225 x 210	47,250
3. Unidentified building	105 x 60	6,300
4. Generator hall	300 x 135	40,500
5. Unidentified building (3 sections)	170 x 40	6,800
	80 x 60	4,800
	170 x 30	5,100
6. Unidentified building under construction	200 x 60	12,000
7. Probable coal car unloading building	435 x 35	15,225
8. Construction equipment and storage	--	--
9. Railroad spur under construction	--	--
10. Old railroad spur leading into plant	--	--
Total roof cover		137,975

TOP SECRET CHESS



# THERMAL-ELECTRIC POWER PLANT

LENINGRAD, U S S R

59° 52' 15" N - 30° 17' 20" E 25X1D

SCALE 1:11,000

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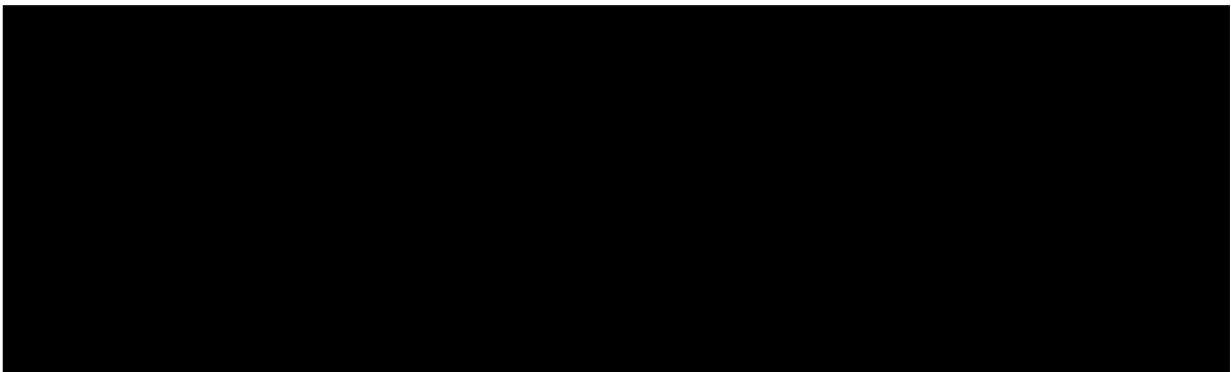
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REQUIREMENT: Prepared in answer to HTA/SI/R8/57 requesting  
a description of two new power plants in southwest Leningrad,  
USSR.

25X1D



## REFERENCES:

Target Mosaic: [REDACTED] 2nd edition.  
Map: World Aeronautic Chart 153.  
Other: Army. Moscow, R-62-56, 26 Mar. 1956  
Navy. Moscow, 61-S-56, 1 June 1956  
Air. Moscow, IR-473-56, 21 Jan. 1957

## COORDINATES:

Plant A 59°52'30"N - 30°15'00"E  
Plant B 59°52'15"N - 30°17'20"E